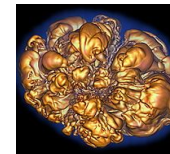
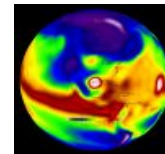
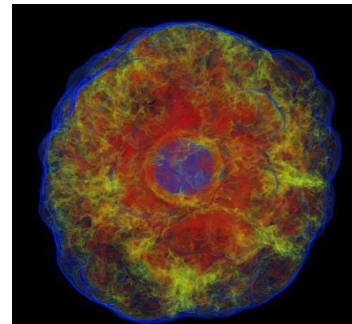
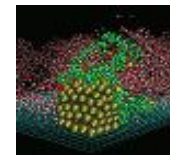
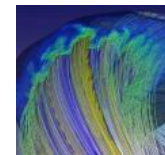
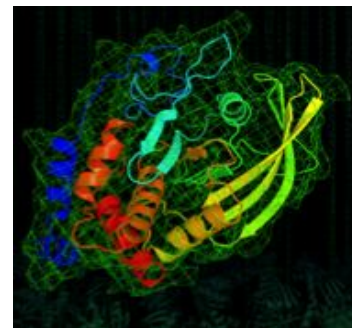
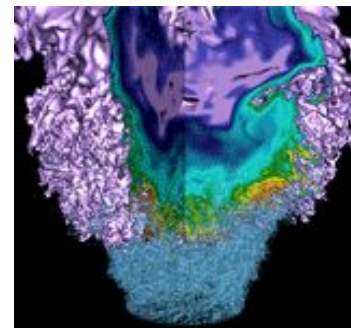


NUG Monthly Meeting



20 May, 2021

Today's plan



- Interactive - please participate!
 - Raise hand or just speak up
 - [NERSC User Slack](#) (link in chat), **#webinars** channel
- Agenda:
 - Win-of-the-month
 - Today-I-learned
 - Announcements/CFPs
 - Topic of the day: **Running on GPUs at NERSC: job scripts for CoriGPU**
 - Coming meetings: topic suggestions/requests?
 - Last month's numbers

Win of the month



Show off an achievement, or shout out someone else's achievement, e.g.:

- Had a paper accepted
- Solved a bug
- A scientific achievement (maybe candidate for Science highlight, or **High Impact Scientific Achievement award**)
- An **Innovative Use of High Performance Computing** (also a candidate for an award) (<https://www.nersc.gov/science/nersc-hpc-achievement-awards/>)

Please let us know of award-worthy work from you or your colleagues - tell us what you did, and what was the key insight?

Today I learned



What surprised you that might benefit other users to hear about?
(and might help NERSC identify documentation improvements!)

Eg:

- Something you got stuck on, hit a dead end, or turned out to be wrong about
 - Give others the benefit of your experience!
 - Opportunity to improve NERSC documentation
- A tip for using NERSC
- Something you learned that might benefit other NERSC users

"If we knew what it was we were doing, it would not be called research, would it?" -
Einstein

Announcements and CFPs

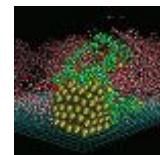
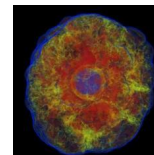
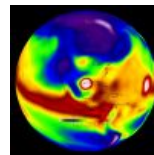
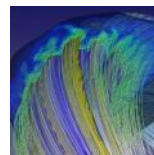
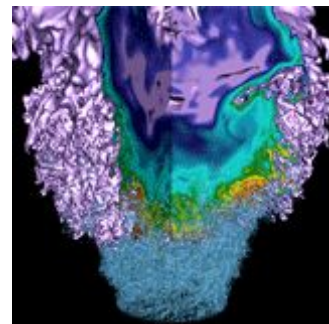


See weekly email for these and more:

- Perlmutter dedication next Thursday, 10:30am PT
 - Add it to your calendar:
https://calendar.google.com/event?action=TEMPLATE&tmeid=NHBzdWcwc21wN2dyMjdzYnVwdHZ2YjIzN3YgbGJsLmdvdlI9sczBnZHRnaTdiOTNqcmVkbGVzMGlibDB1NEBn&tmsrc=lbl.gov_ls0gdtgi7b93jredles0ibl0u4%40group.calendar.google.com
- Due date for NERSC+Nvidia GPU Hackathon applications has been extended until Friday (tomorrow). See <https://gpuhackathons.org/events> for the application
- Training:
 - Intro to NERSC resources, June 3
 - Appentra Parallelware Office Hours, June 9
 - Crash course in supercomputing, June 11

Also: Compile queue is open to all (good for Devops workflows, compile tasks that take a long time)

Topic of the day: Running on GPUs at NERSC: job scripts for CoriGPU

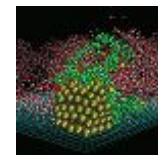
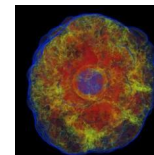
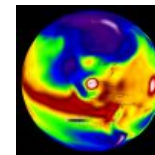
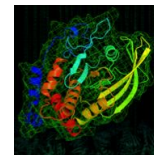
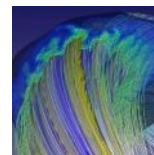
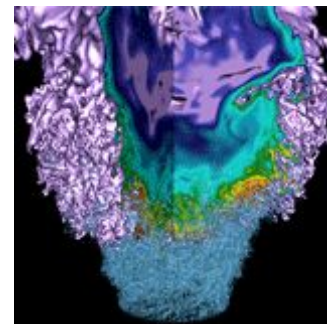


GPU-related training and help



- "GPU basics" and "GPUs in Python" appointment types are now available, see <https://docs.nersc.gov/help/#appointments-with-nersc-user-support-staff> for info and the link to schedule an appointment
- Introduction to Perlmutter training session on June 2 - <https://www.nersc.gov/users/training/events/perlmutter-introduction-june-2021/>. for more and to register

Q&A / Discussion



Coming up



Topic requests/suggestions?

- Eg: Perlmutter overview (non-GPU)?***
- GPU porting guide?

We'd love to hear some lightning talks **from NERSC users** about the research you use NERSC for!

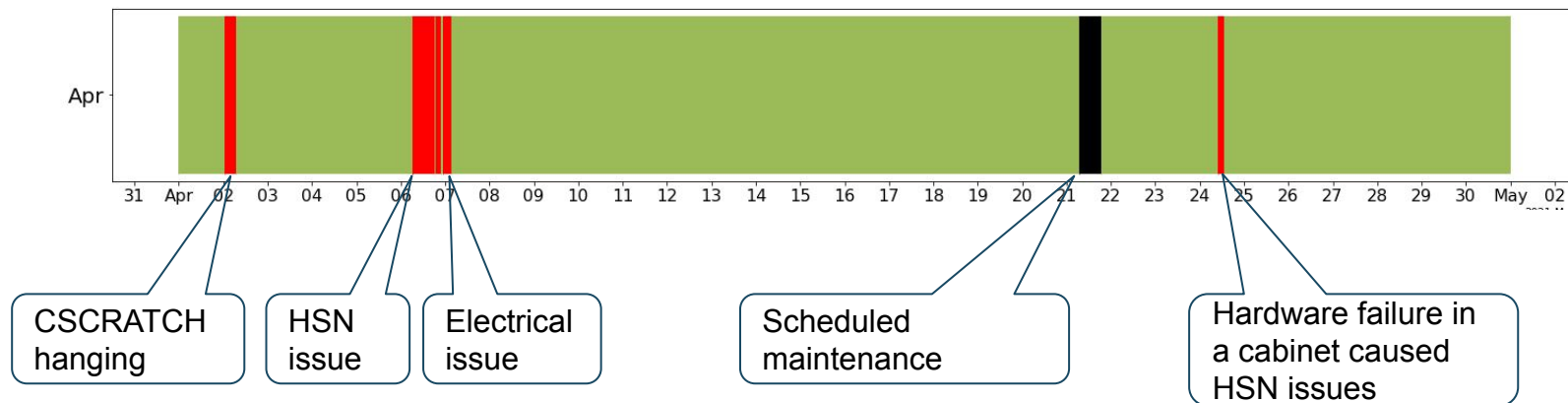
Last month's numbers - April



Scheduled and overall availability:

	Scheduled	Overall
Cori	95.1%	93.5%
HPSS	100%	86.3%
CFS	100%	100%

Cori: 6 outages (5 unscheduled totaling 41 hrs)



Last month's numbers - April



Cori Utilization: 97.0%

Large jobs: 31.9%

New Tickets: 582

Closed Tickets: 615

Backlog at 1 May: 486



Thank You